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310-030200  
1432990

#### SCOPE OF WORK

- Work detailed below will be performed on U.S. 31 (Elton B. Stephens Expressway), U.S. 280, I-59 and I-65 in Birmingham, AL in the Third Division. (See attached map.)
- Fibercrete "B", manufactured by Fibercrete Technologies, LLC, patching material or an approved equal will be used to repair the miscellaneous concrete spalls.
- The approximate areas and extent of patching will be identified by the Engineer.
- Within 7 days of the Notice to Proceed, the contractor shall submit a description of all equipment to be used and the procedure for placing, compacting, finishing and curing the patching material.
- This project will be a Nighttime Project Monday thru Friday 8:00 p.m. until 5:00 a.m. Saturday and Sunday work will be from 9:00 p.m. until 5:00 a.m.
- The Contractor's Proposed Traffic Control Plan must be approved by the Engineer before the Contractor begins work, and must meet the requirements of the Alabama Manual on Uniform Traffic Control Devices.
- All work shall be performed in accordance with Special Provision No. 08-0668 dated January 26, 2010 for Project No. 99-403-371-000-310. (copy attached)
- The contractor shall not begin the patching work until the Engineer informs the Contractor that submittal is complete.
- Traffic shall not be placed on the completed patching work until approved by the Engineer.
- The Contractor shall warrant the performance of the work for a period of 2 years from the date of the completion of all patching work. The patching work will not be accepted for final payment until a written warranty is submitted and accepted by the Engineer as being sufficient to cover performance of the patching work. The warranty shall be a commitment to repair all cracks and spalls in the patched areas within 7 calendar days of being notified of the failure of the patching.
- Patching material will be measured by the pound of material placed in the completed patch, with deductions being made for wasted and spilled material.
- In order to place a bid, Contractors shall be required to attend a mandatory on-site pre-bid meeting on: A date to be established, prior to submittal of bids.

- Any required traffic striping will be accomplished by ALDOT.
- The Fibercrete product shall not be placed unless the ambient temperature is 40 degrees and rising.
- The approximate quantity of Fibercrete or an approved equal will be 40,000 pounds.
- Contractor shall submit a price per pound for the estimated quantity. The unit price shall be full compensation for all materials, equipment, tools, labor, and traffic control required to complete the patching work.
- Bids will be evaluated based on the lowest total price for the above-mentioned work based on the bid quantity of 40,000 pounds.
- Contractor shall coordinate all work through Mr. Roddy Mitchell District One Manager at (205) 581-5702 Office or (205) 288-1091 Cell.
- Invoicing frequency will be no more than once a month. Invoices shall indicate the number of pounds being billed for that invoice.
- Please mail invoice to address below:
  - Alabama Department of Transportation
  - District One Manager
  - P.O. Box 2745
  - Birmingham, AL 35202

# ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: January 26, 2010

Special Provision No. 08-0668

SUBJECT: Patching, Project Number 99-403-371-000-310, Jefferson County.

Alabama Standard Specifications, 2008 Edition, shall be amended by the addition of a new Section 460 as follows:

## SECTION 460 PATCHING

### 460.01 Description.

This Section shall cover the work of furnishing and placing patching material for the repair of spalls, potholes, cracks, and joints in concrete and asphalt pavements and other structures designated by the Engineer.

### 460.02 Materials.

The patching material shall be Fibrecrete "B" manufactured by Fibrecrete Technologies, LLC and distributed by Marketing Associates, Inc. The contact information for Marketing Associates is:

Marketing Associates, Inc.  
131 St. James Way  
Mount Airy, North Carolina, 270030  
336-789-7259  
[www.marketingassociatesinc.com](http://www.marketingassociatesinc.com)

The Contractor shall submit a certification from Marketing Associates for each batch or container of Fibrecrete "B" material that is furnished for patching. Each certification shall have an identification number or other unique designation shown for each batch or container described in the certification. Fibrecrete "B" shall be delivered to the project in containers that are clearly marked with the identification of the lot or batch. The Engineer will not allow the placement of patching materials that are not clearly marked with an identification of the lot or batch that is identified in the submitted certifications.

### 460.03 Construction Requirements.

#### (a) EXTENT OF REPAIR.

The approximate areas and extent of patching will be shown on the plans. The Contractor shall make adjustments to the work as directed by the Engineer to increase the size of the areas that must be patched or to patch additional areas not shown on the plans.

#### (b) PATCHING PROCEDURE.

The Contractor shall submit six copies of a Patching Procedure to the Engineer no later than 7 calendar days after the date of the issuance of the Notice to Proceed. The Patching Procedure shall contain the following:

- description of all of the components (binders, fillers, bonding adhesives) that are proposed for use in producing the patching material and preparing the surfaces for the bonding of the patching material;
- description of all equipment (hammers, air compressors, etc.) that will be used to prepare the areas for the placement of the patching material;



- description of the required condition (removal of loose material, dry surface, etc.) of the area to be patched prior to placement of patching material;
- description of the materials and procedures that are a part of the Fibrecrete system for sealing of cracks in the areas of the pavement or other structure prior to the placement of the patching material;
- description of all equipment that will be used for the mixing and placement of the patching material;
- description of all equipment and devices that will be used for measuring, recording and independently verifying the weight of the patching material for payment purposes;
- description of the procedure for placing, compacting, finishing and curing the patching material.

The Engineer will not approve the Patching Procedure but will review it for completeness. The Contractor shall resubmit the patching procedure to add any information requested by the Engineer to make the submittal compete.

The Contractor shall not begin the patching work until the Engineer distributes the procedure for inspection of the work. The Engineer will forward a copy of the distributed procedure to the Contractor.

**(c) PERFORMANCE OF PATCHING.**

The Contractor shall perform the patching work in compliance with the requirements given in the Patching Procedure that is distributed by the Engineer. The patching procedure may only be modified by a complete resubmittal and redistribution of the procedure.

**(d) PLACEMENT OF TRAFFIC AFTER PATCHING.**

Traffic shall not be placed on the completed patching work until allowed by the Engineer.

**(e) WARRANTY OF THE PATCHING WORK.**

The Contractor shall warrant the performance of the work for a period of 2 years from date of the completion of all patching work. The patching work will not be accepted for final payment until a written warranty is submitted and accepted by the Engineer as being sufficient to cover the repair of the patching work. The warranty shall be a commitment to repair all cracks and spalls in the patched areas within 7 calendar days of being notified by the Engineer of the failure of the patching.

**460.04 Method of Measurement.**

Patching material will be measured by the pound of material placed in the completed patch. Deductions will be made for wasted and spilled material. Measurement will not be made of the sealant required to seal the cracks in the areas of the pavements and other structures to be patched.

**460.05 Basis of Payment.**

**(a) UNIT PRICE COVERAGE.**

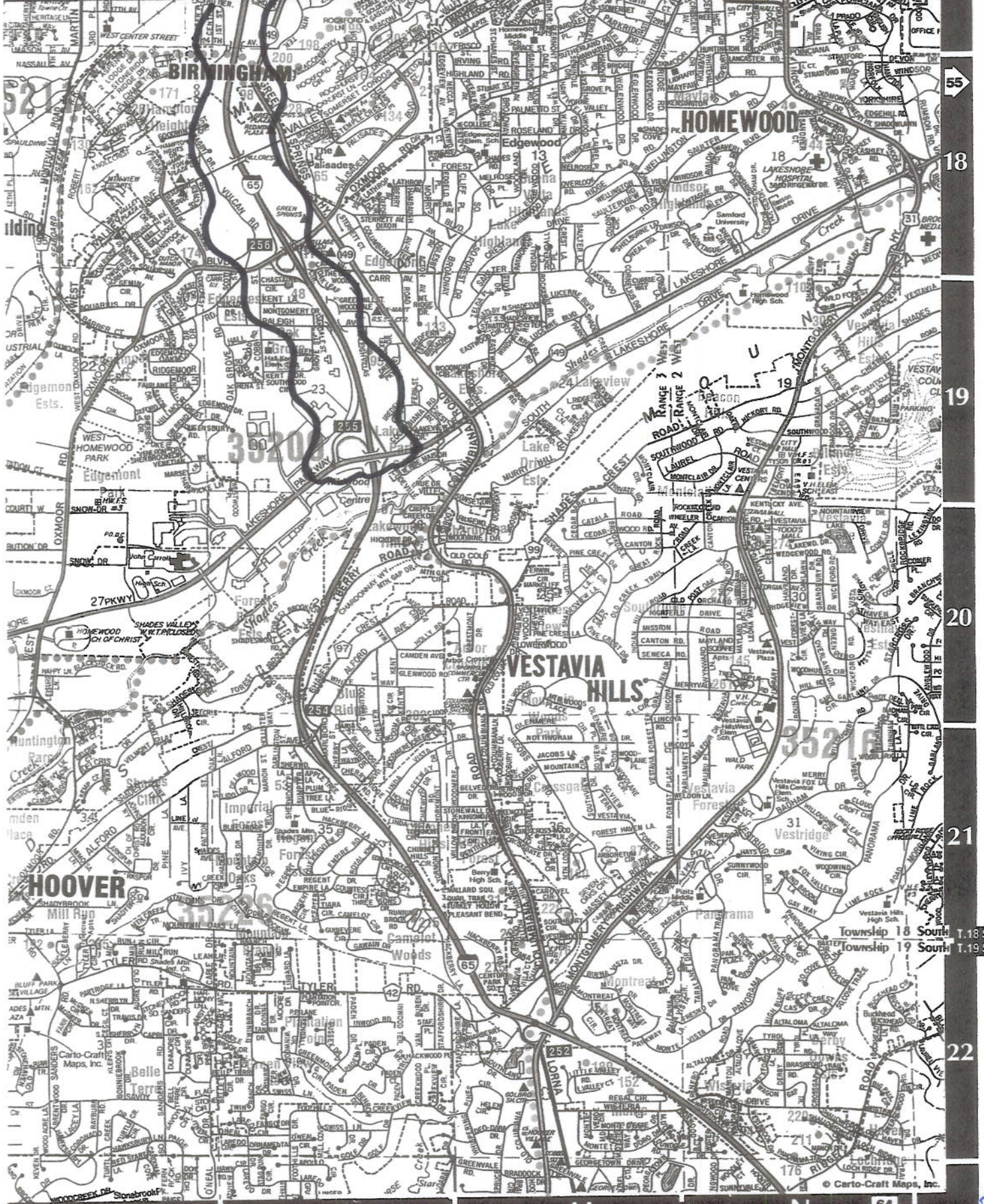
The contract unit price shall be full compensation for all materials, tools, labor and equipment required for the completion of the patching work.

No more than 90 % of the total contract price will be paid for the completed patching work until a written warranty is submitted and accepted by the Engineer. The Engineer will not accept the warranty if there are concerns about the adequacy of the requirements given in the warranty. Final payment for the patching work will be made when the warranty is accepted by the Engineer.

**(b) PAYMENT WILL BE MADE UNDER ITEM NO.:**

460-A Patching - per pound





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